

Converting Colors

$Yxy(75.3449, 0.3355, 0.3412)$

Have a look what the booklet for
Yxy(75.3449, 0.3355, 0.3412)
contains.

Yxy(75.2433, 0.3354, 0.3406)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.2433, 0.3354, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	F2DDD2
RGB	242, 221, 210
RGB Percent	95%, 87%, 82%
CMY	0.0511, 0.1332, 0.1766
CMYK	0.00, 0.09, 0.13, 0.05
HSL	21°, 55%, 89%
HSV	21°, 13%, 95%
XYZ	74.0945, 75.2433, 71.5761
YIQ	226.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

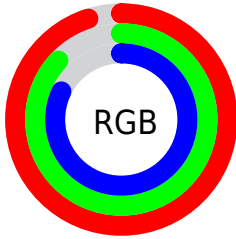
Format	Color
R _Y B	242, 227, 210
Decimal	15916498
CIE Lab	89.51, 5.40, 8.01
CIE LCh	90, 9.659, 56.008
Yxy	75.2433, 0.3354, 0.3406
Android (android.graphics.Color)	4294106578 (0xFFFF2DDD2)
YUV	226.0250, -7.9003, 14.0101
Hunter-Lab	86.7429, 0.6721, 11.7967

Details

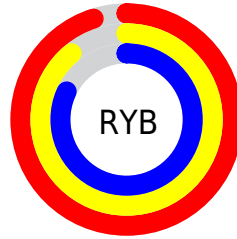
The Yxy color **75.2433, 0.3354, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.2123, 0.2922, 0.3171**, and the grayscale version is **76.1198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1118, 0.3406, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **66.1552, 0.3561, 0.3500**, and if you desaturate by 10%, it is **85.3098, 0.3178, 0.3317**.

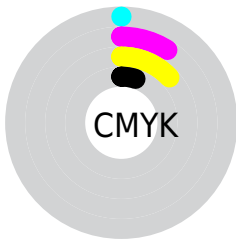
Distribution



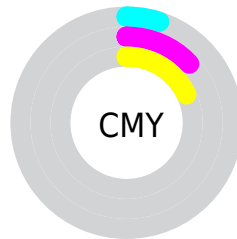
- Red (95%)
- Green (87%)
- Blue (82%)



- Red (95%)
- Yellow (89%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2433, 0.3354, 0.3406 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 75.2433, 0.3354, 0.3406 by changing the saturation by 10% instead.


 75.2433, 0.3354,
0.3406

 75.2433, 0.3354,
0.3406

478.7534, 0.3249,
0.3354

 55.8122, 0.3378,
0.3418

126.6567, 0.3318,
0.3388

 40.0524, 0.3408,
0.3432


159.4078, 0.3303,
0.3381

 27.5794, 0.3445,
0.3450


197.3678, 0.3291,
0.3375

 18.0088, 0.3494,
0.3473

240.9209, 0.3281,
0.3370

 10.9563, 0.3561,
0.3504

290.4516, 0.3271,
0.3365

 6.0375, 0.3657,
0.3547

346.3444, 0.3263,

 2.8679, 0.3808,

0.3361

0.3611

408.9835, 0.3256,
0.3357

1.0632, 0.4144,
0.3775

0.0000, 1.0000,
0.0000

75.2433, 0.3354,
0.3406

75.2433, 0.3354,
0.3406

66.1552, 0.3561,
0.3500

85.3098, 0.3178,
0.3317

58.0054, 0.3804,
0.3596

96.1541, 0.3048,
0.3267

50.7660, 0.4083,
0.3689

97.6101, 0.3047,
0.3290

44.4036, 0.4398,
0.3773

■ 38.8826, 0.4741,
0.3836

■ 34.1647, 0.5093,
0.3866

■ 30.2081, 0.5429,
0.3851

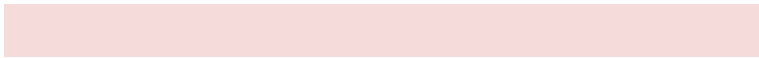
■ 26.9662, 0.5716,
0.3784

■ 25.1408, 0.5875,
0.3717

Harmonies

Analogous

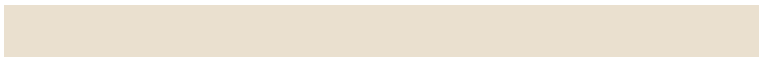
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.2433, 0.3330, 0.3311



75.2433, 0.3354, 0.3406



75.2433, 0.3315, 0.3473

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2433, 0.3354, 0.3406



75.2433, 0.3003, 0.3369



75.2433, 0.3026, 0.3096

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.2433, 0.3354, 0.3406



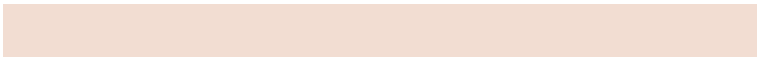
77.2123, 0.2922, 0.3171

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2433, 0.2941, 0.3108



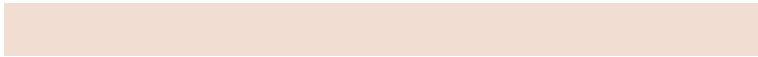
75.2433, 0.3354, 0.3406



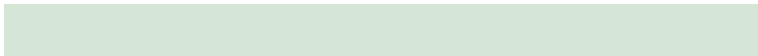
75.2433, 0.2928, 0.3264

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2433, 0.3354, 0.3406



75.2433, 0.3112, 0.3453



75.2433, 0.2906, 0.3168



75.2433, 0.3139, 0.3135

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2433, 0.3354, 0.3406



75.2433, 0.3260, 0.3491



75.2433, 0.2906, 0.3168



75.2433, 0.2993, 0.3095

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.2466, 0.3354, 0.3406



95.1733, 0.3191, 0.3324



70.7394, 0.3216, 0.3070



20.1811, 0.3203, 0.3331



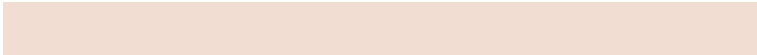
0.0000, 0.0000, 0.0000



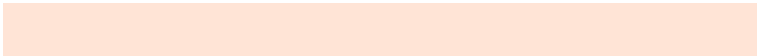
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2466, 0.3354, 0.3406



81.7707, 0.3409, 0.3432



83.8764, 0.3332, 0.3565



16.6513, 0.3285, 0.3372



13.7401, 0.5845, 0.3741



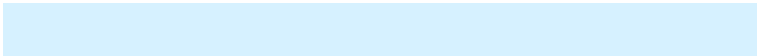
1.3220, 0.5592, 0.3942

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.2123, 0.2922, 0.3171



84.4047, 0.2878, 0.3144



68.8654, 0.2917, 0.3000



16.9565, 0.2980, 0.3207



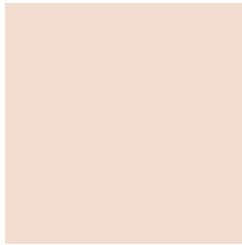
16.9260, 0.1922, 0.2119



1.5928, 0.1970, 0.2291

Previews

White Background



This preview shows how the Yxy color 75.2433, 0.3354, 0.3406 looks on a white background.

Color Contrast Check

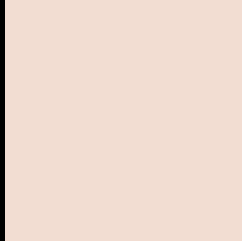
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 75.2433, 0.3354, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

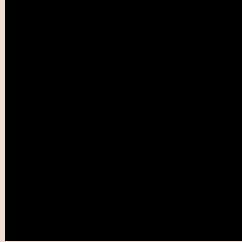
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

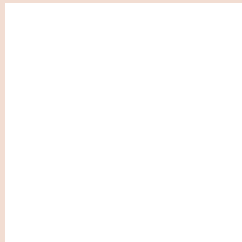
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2433, 0.3354, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 75.2433, 0.3354, 0.3406.

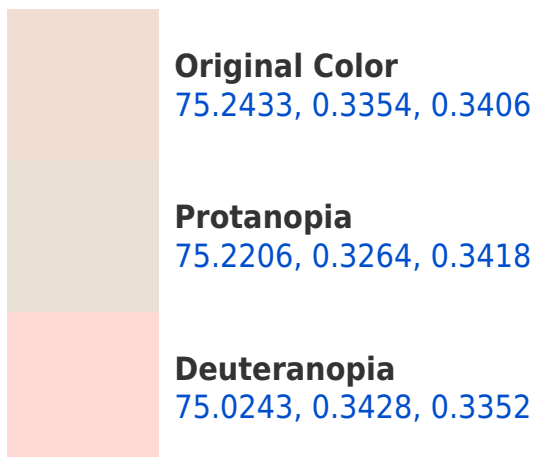


This preview shows how white text looks on a background with the Yxy color 75.2433, 0.3354, 0.3406.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

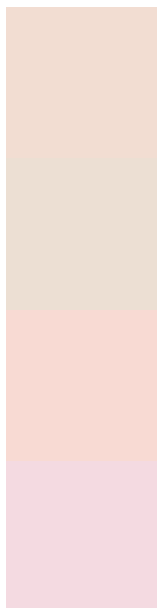




Tritanopia

74.9787, 0.3214, 0.3117

Trichromacy



Original Color

75.2433, 0.3354, 0.3406

Protanomaly

75.3114, 0.3301, 0.3417

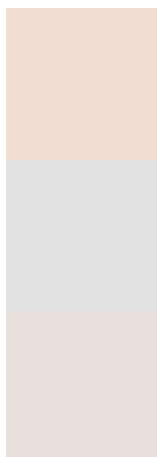
Deuteranomaly

74.8024, 0.3396, 0.3363

Tritanomaly

74.8121, 0.3268, 0.3218

Monochromacy



Original Color

75.2433, 0.3354, 0.3406

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6344, 0.3210, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2433, 0.3354, 0.3406 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 221, 210)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 210)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 221, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 210) }
```

Border

The CSS property to change the border of an element to Yxy 75.2433, 0.3354, 0.3406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 221, 210) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 221, 210) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 221, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 210);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2433, 0.3354, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 210) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
221, 210) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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